**Lab 3: Authentication Vulnerabilities (password-based)**

**Objective**:

* In this section, we'll look more closely at some of the most common vulnerabilities that occur in password-based login mechanisms. We'll also suggest ways that these can potentially be exploited.

In this lab, students need to:

* Perform two challenges:
  + [Username enumeration via different responses](https://portswigger.net/web-security/authentication/password-based/lab-username-enumeration-via-different-responses)
  + [Username enumeration via response timing](https://portswigger.net/web-security/authentication/password-based/lab-username-enumeration-via-response-timing)
* Explain and capture all steps (full windows screen capture).

Submit a report addressing all the questions mentioned above in either **PDF** or **Markdown** format. Additionally, include a **video** demonstrating the detailed process of your work to ensure the authenticity of your lab exercise.

The report file name must be **Class\_YourStudentID \_YourName\_Lab3**